

[illegible]

<120> Polypeptides or nucleic acids encoding these of a family of G-protein coupled receptors and their use for the diagnosis or treatment of disorders, for example skin disorders and their use for the identification of pharmacologically active substances

<160> 21

<210> 1

<212> PRT

<400> 1

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20 25 30

35 40 45

50 55 60

65 70 75 80

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Leu Glu Val Leu Thr Ala Ile Asn Ser Cys Ala Asn Pro Ile Ile Tyr

[illegible]

275

280

285

Phe Phe Val Gly Ser Phe Arg His Gln Leu Lys His Gln Thr Leu Lys
290 295 300

Met Val Leu Gln Ser Ala Leu Gln Asp Thr Pro Glu Thr Ala Glu Asn
305 310 315 320

Met Val Glu Met Ser Ser Asn Lys Ala Glu Pro

<210> 2

<211> 321

<212> PRT

<213> Homo sapiens

<400> 2

Met Asn Gln Thr Leu Asn Ser Ser Gly Thr Val Glu Ser Ala Leu Asn
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Tyr Ser Arg Gly Ser Thr Val His Thr Ala Tyr Leu Val Leu Ser Ser
20 25 30

Leu Ala Met Phe Thr Cys Leu Cys Gly Met Ala Gly Asn Ser Met Val
35 40 45

Ile Trp Leu Leu Gly Phe Arg Met His Arg Asn Pro Phe Cys Ile Tyr
50 55 60

Ile Leu Asn Leu Ala Ala Ala Asp Leu Leu Phe Leu Phe Ser Met Ala
65 70 75 80

Ser Thr Leu Ser Leu Glu Thr Gln Pro Leu Val Asn Thr Thr Asp Lys
85 90 95

Val His Glu Leu Met Lys Arg Leu Met Tyr Phe Ala Tyr Thr Val Gly

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100

105

110

Leu Ser Leu Leu Thr Ala Ile Ser Thr Gln Arg Cys Leu Ser Val Leu
115 120 125

Phe Pro Ile Trp Phe Lys Cys His Arg Pro Arg His Leu Ser Ala Trp
130 135 140

Val Cys Gly Leu Leu Trp Thr Leu Cys Leu Leu Met Asn Gly Leu Thr
145 150 155 160

Ser Ser Phe Cys Ser Lys Phe Leu Lys Phe Asn Glu Asp Arg Cys Phe
165 170 175

Arg Val Asp Met Val Gln Ala Ala Leu Ile Met Gly Val Leu Thr Pro
180 185 190

Val Met Thr Leu Ser Ser Leu Thr Leu Phe Val Trp Val Arg Arg Ser
195 200 205

Ser Gln Gln Trp Arg Arg Gln Pro Thr Arg Leu Phe Val Val Val Leu
210 215 220

Ala Ser Val Leu Val Phe Leu Ile Cys Ser Leu Pro Leu Ser Ile Tyr
225 230 235 240

Trp Phe Val Leu Tyr Trp Leu Ser Leu Pro Pro Glu Met Gln Val Leu
245 250 255

Cys Phe Ser Leu Ser Arg Leu Ser Ser Ser Val Ser Ser Ser Ala Asn
260 265 270

Pro Val Ile Tyr Phe Leu Val Gly Ser Arg Arg Ser His Arg Leu Pro
275 280 285

Thr Arg Ser Leu Gly Thr Val Leu Gln Gln Ala Leu Arg Glu Glu Pro

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290

295

300

Glu Leu Glu Gly Gly Glu Thr Pro Thr Val Gly Thr Asn Glu Met Gly
305 310 315 320

Ala

<210> 3

<211> 325

<212> PRT

<213> Mus musculus

<400> 3

Met Asp Ile Asp Ile Ser Ser Leu Gly Ile Tyr Ile Ile Ala Pro Asn
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Gly Ser Ser Tyr Thr Asn Ser Val Asp Cys Phe Phe Lys Ile Gln Val
20 25 30

Met Gly Phe Leu Ser Leu Ile Ile Ser Pro Val Gly Met Val Leu Asn
35 40 45

Ser Thr Val Leu Trp Phe Leu Gly Phe Gln Ile Arg Arg Asn Ala Phe
50 55 60

Ser Val Tyr Ile Leu Asn Leu Ala Gly Ala Asp Phe Leu Phe Leu His
65 70 75 80

Ser Gln Phe Leu Phe Tyr Leu Leu Ala Ile Phe Pro Ser Ile Pro Ile
85 90 95

Gln Ile Pro Leu Phe Phe Asp Met Leu Thr Lys Phe Ala Tyr Leu Ser
100 105 110

0920066-080101

Lys Ser Leu Lys Val Leu Leu Gln Arg Ala Met Glu Asp Thr Pro Glu
290 295 300

Glu Glu Asn Glu Asp Met Gly Pro Ser Arg Asn Pro Glu Glu Phe Glu
305 310 315 320

Thr Val Cys Ser Asn
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<210> 4

<211> 330

<212> PRT

<213> Homo sapiens

<400> 4

Met Asp Pro Thr Thr Pro Ala Trp Gly Thr Glu Ser Thr Thr Val Asn
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Gly Asn Asp Gln Ala Leu Leu Leu Leu Cys Gly Lys Glu Thr Leu Ile
20 25 30

Pro Val Phe Leu Ile Leu Phe Ile Ala Leu Val Gly Leu Val Gly Asn
35 40 45

Gly Phe Val Leu Trp Leu Leu Gly Phe Arg Met Arg Arg Asn Ala Phe
50 55 60

Ser Val Tyr Val Leu Ser Leu Ala Gly Ala Asp Phe Leu Phe Leu Cys
65 70 75 80

Phe Gln Ile Ile Asn Cys Leu Val Tyr Leu Ser Asn Phe Phe Cys Ser
85 90 95

Ile Ser Ile Asn Phe Pro Ser Phe Phe Thr Thr Val Met Thr Cys Ala
100 105 110

Tyr Leu Ala Gly Leu Ser Met Leu Ser Thr Val Ser Thr Glu Arg Cys
115 120 125

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Leu Ser Val Leu Trp Pro Ile Trp Tyr Arg Cys Arg Arg Pro Arg His
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Leu Ser Ala Val Val Cys Val Leu Leu Trp Ala Leu Ser Leu Leu Leu
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Ser Ile Leu Glu Gly Lys Phe Cys Gly Phe Leu Phe Ser Asp Gly Asp
165 170 175

Ser Gly Trp Cys Gln Thr Phe Asp Phe Ile Thr Ala Ala Trp Leu Ile
180 185 190

Phe Leu Phe Met Val Leu Cys Gly Ser Ser Leu Ala Leu Leu Val Arg
195 200 205

Ile Leu Cys Gly Ser Arg Gly Leu Pro Leu Thr Arg Leu Tyr Leu Thr
210 215 220

Ile Leu Leu Thr Val Leu Val Phe Leu Leu Cys Gly Leu Pro Phe Gly
225 230 235 240

Ile Gln Trp Phe Leu Ile Leu Trp Ile Trp Lys Asp Ser Asp Val Leu
245 250 255

Phe Cys His Ile His Pro Val Ser Val Val Leu Ser Ser Leu Asn Ser
260 265 270

Ser Ala Asn Pro Ile Ile Tyr Phe Phe Val Gly Ser Phe Arg Lys Gln
275 280 285

Trp Arg Leu Gln Gln Pro Ile Leu Lys Leu Ala Leu Gln Arg Ala Leu
290 295 300

Gln Asp Ile Ala Glu Val Asp His Ser Glu Gly Cys Phe Arg Gln Gly
305 310 315 320

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Thr Pro Glu Met Ser Arg Ser Ser Leu Val
325 330

<210> 5

<211> 993

<212> DNA

<213> Mus musculus

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<211> 966

<212> DNA

<213> Homo sapiens

<400> 6

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<212> DNA

<213> Mus musculus

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<212> DNA

<213> Homo sapiens

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<211> 24

<212> DNA

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<210> 11

<211> 19

<212> DNA

<213> Mus musculus

<400> 11

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<213> Mus musculus

<400> 12
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<210> 13
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<212> DNA
<213> Homo sapiens

<400> 13
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<210> 14
<211> 21
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<400> 14
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<210> 15
<211> 653
<212> DNA
<213> Mus musculus

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cangaenggg ncccccccn ccaaaanttt ttttntttt ctgnccnggg gnggnccttt 600
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<213> Homo sapiens

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<211> 21

<212> DNA

<213> Homo sapiens

<400> 17

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<210> 18

<211> 25

<212> DNA

<213> Homo sapiens

<400> 18

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TOT020-3902650

[illegible]

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24

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